



This listing of claims will replace all prior versions of claims in the application.

Claims 1-20. (cancelled)

Claim 21. (previously presented) A positive photoresist composition comprising:

- i) a photoactive component;
- ii) a first polymer that comprises one or more Si atoms; and
- iii) a second polymer that comprises one or more sulfonamide groups.

Claim 22. (previously presented) A photoimageable composition of claim 21 wherein at least one of the first and second polymers comprises photoacid-labile groups.

Claim 23. (previously presented) A photoimageable composition of claim 21 wherein the at least one of the first and second polymers comprises aromatic groups.

Claim 24. (previously presented) A photoimageable composition of claim 21 wherein the first and second polymer are at least substantially free of aromatic groups.

Claim 25. (previously presented) A negative-acting photoimageable composition comprising:

- i) a photoactive component;
- ii) a component that comprises one or more Si atoms; and
- iii) a component that comprises one or more sulfonamide groups..

Claim 26. (previously presented) The photoimageable composition of claim 25 wherein a single component comprises one or more Si atoms and one or more sulfonamide groups.

Claim 27. (previously presented) The photoimageable composition of claim 25 wherein the photoimageable composition comprises a polymer that comprises one or more Si atoms and one or more sulfonamide groups.

Claim 28. (previously presented) The photoimageable composition of claim 27 wherein the polymer comprises aromatic groups.

Claim 29. (previously presented) The photoimageable composition of claim 27 wherein the polymer is substantially free of aromatic groups.

Claim 30. (previously presented) The photoimageable composition of claim 25 wherein the photoimageable composition comprises a polymer that comprises one or more Si atoms and a distinct component that comprises one or more sulfonamide groups.

Claim 31. (previously presented) The photoimageable composition of claim 25 wherein the photoimageable composition comprises a crosslinker.

Claim 32. (previously presented) A positive phototoimageable composition comprising:

- one or more photoacid generator compounds;
- at least one polymer that comprises at least three distinct repeat units, wherein one or more repeat units comprise one or more photoacid labile groups;
- and the polymer or one or more other components comprises one or more Si atoms and one or more sulfonamide groups.

Claim 33. (previously presented) The photoimageable composition of claim 32 wherein the one or more of the polymer repeat units comprise one or more photoacid labile groups.

Claim 34. (previously presented) The photoimageable composition of claim 32 wherein the polymer comprises one or more Si atoms and one or more sulfonamide groups.

Claim 35. (previously presented) The photoimageable composition of claim 32 wherein the polymer comprises one or more Si atoms and one or more sulfonamide groups.

Claim 36. (previously presented) The photoimageable composition of claim 32 wherein the polymer comprises aromatic groups.

Claim 37. (previously presented) The photoimageable composition of claim 32 wherein the polymer is at least substantially free of aromatic groups.

Claim 38. (previously presented) A method for forming a electronic device, comprising:

- (a) applying on a substrate a coating layer of a polymer composition;
- (b) above the polymer composition coating layer, applying a photoimageable composition of claim 21;
- (c) exposing the photoimageable composition coating layer to activating radiation and developing the exposed photoimageable layer.

Claim 39. (previously presented) A method for forming a electronic device, comprising:

- (a) applying on a substrate a coating layer of a polymer composition;

(b) above the polymer composition coating layer, applying a photoimageable composition of claim 25;

(c) exposing the photoimageable composition coating layer to activating radiation and developing the exposed photoimageable layer.

Claim 40. (previously presented) A method for forming a electronic device, comprising:

(a) applying on a substrate a coating layer of a polymer composition;

(b) above the polymer composition coating layer, applying a photoimageable composition of claim 32;

(c) exposing the photoimageable composition coating layer to activating radiation and developing the exposed photoimageable layer.